



ISO-9001 Registered Quality System.
ISO-21469 Compliant.

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LUBRIPLATE "SYNAC" SERIES

LUBRIPLATE SYNAC Series products are diester based synthetic compressor fluids formulated to meet a multitude of demanding compressor applications where traditional petroleum based lubricants may not be desirable. These diester based synthetic fluids are outstanding lubricants for applications in which the fluid is subjected to high temperature and high stress conditions over extended drain intervals. The extended drain interval capabilities of **LUBRIPLATE SYNAC Series** makes it a very cost effective solution to your compressor applications.

The **LUBRIPLATE SYNAC Series** are recommended for all types of rotary screw, rotary vane and reciprocating air compressors. They also make excellent lubricants for vacuum pumps and blowers.

LUBRIPLATE Division strongly recommends the use of the FREE LUBRIPLATE Oil Analysis Program to establish drain intervals in air compressor applications. This allows you to establish proper change out intervals and still maintain effective lubrication of your equipment. Typical service life can be from 2,000 to 8,000 hours depending upon operating conditions. Fluid life can be affected by various contaminants, moisture, temperature and other factors. Therefore, oil analysis becomes critical when maximizing useful service life. Contact your authorized LUBRIPLATE Distributor for more information on the FREE LUBRIPLATE Oil Analysis Program.

Advantages offered by LUBRIPLATE SYNAC Series include the following:

- ◆ Excellent High Temperature Stability and Oxidation Resistance = Extended Lubricant Life
- ◆ Very Low Deposit Forming Tendencies = Clean Operation
- ◆ Excellent Demulsibility Characteristics = High Separator Efficiency
- ◆ High Flash Point and Low Pour Point = Wide Operating Temperature Range
- ◆ Outstanding Anti-Wear Protection = Long Bearing and Cylinder Life
- ◆ Foam Suppression Properties = Extended Vane and Screw Life
- ◆ Corrosion Inhibitors = Excellent Rust Protection
- ◆ USDA H-2 Authorized* = Safe For Use In Federally Inspected Food Plants

LUBRIPLATE SYNAC Lubricants are compatible with other LUBRIPLATE products such as LUBRIPLATE AC Oils, LUBRIPLATE HO Oils, and LUBRIPLATE SFGO Series Fluids. Always consult LUBRIPLATE before changing to a SYNAC fluid from an existing lubricant that may not be compatible with diester based fluids. Conversion procedures from petroleum based products are available upon request.

LUBRIPLATE SYNAC Lubricants are recommended for use with high nitrile Buna-N, Teflon, Viton, Fluorosilicone and polysulfide elastomers.

LUBRIPLATE SYNAC Lubricants are **NOT** recommended for use with low nitrile Buna-N, neoprene, natural rubber, styrene-butadiene rubber (SBR, Buna-S) or butyl rubber.

*Authorized by USDA for use in federally inspected meat and poultry plants. USDA H-2 authorized lubricants may be used on equipment as a lubricant or anti-rust film and in closed systems in locations in which there is no possibility of the lubricant or lubricated part contacting edible product.

(over)

TYPICAL TESTS

	<u>SYNAC-32</u>	<u>SYNAC-46</u>	<u>SYNAC-68</u>	<u>SYNAC-100</u>
Viscosity SUS @ 100°F	155	213	311	510
SUS @ 210°F	46	49	53	60
cSt @ 40°C	31	44	64	100
cSt @ 100°C	6	7	8	10
Viscosity Index	135	118	98	76
Pour Point °F/°C	-45/-43	-35/-37	-20/-29	-15/-26
Flash Point °F/°C	450/232	455/235	455/235	450/232
Fire Point °F/°C	530/277	535/279	535/279	530/277
API Gravity	23.2	21.0	19.0	18.2
Color	L - 0.5	L - 0.5	L - 0.5	L - 0.5
Four-Ball Wear Test	.4 mm	.4 mm	.4 mm	.4 mm
Average Wear Scar Diameter 40kg., 1200 r.p.m., 1 hour @ 75°C				
SAE Grade	10	20	20	30
ISO Viscosity Grade	32	46	68	100

LUBRIPLATE SYNAC Oils are available in the following packaging:

<u>Packaging Available</u>	<u>SYNAC-32</u>	<u>SYNAC-46</u>	<u>SYNAC-68</u>	<u>SYNAC-100</u>
Carton, 12/1 Qt. Bottles	-----	-----	-----	L0935-054
Carton, 4/1 Gal. Jugs	-----	-----	-----	L0935-057
5 Gallon Pail	L0932-060	L0933-060	L0934-060	L0935-060
55 Gallon Drum	L0932-062	L0933-062	L0934-062	L0935-062